***Dallesport Water District***

***2021 Drinking Water Consumer Confidence Report***

As part of the requirements of both the EPA and Washington State Department of Health, we are pleased to present to you this year's Annual Quality Water Report for the year of 2020. Our constant goal is to provide you with a safe and dependable supply of drinking water. **During 2021 Dallesport Water District had No Violations concerning your drinking water.**

**Sources of Drinking water and Treatment:** Our water supply is drawn from two well sources, chlorinated at both sources prior to entering Storage reservoirs 1&2, and then delivered to our customers through a series of distribution mains and service lines. We chlorinate as part of the filtration process and to prevent bacteria that may come in contact with the drinking water due to a leak in the distribution system. Federal law requires minimum 0.2 parts Chlorine per million parts of water and allows a maximum of 4.0 parts Chlorine per million parts of water. The water delivered from our wells has a very low potential for bacteria therefore we try to maintain a Chlorine level between 0.5 and 0.7 PPM. This basically amounts to 1 drop chlorine in 70,000,000 drops of water. The chlorine residual is monitored daily in our system to assure quality control. If you are sensitive to the smell of chlorine water from your tap may be left in an open container on your counter for approximately 1 hour to allow the chlorine to evaporate, you may then store it safely in your refrigerator. Carbon filters are another way to eliminate the chlorine odor. The discoloration and sediment problems that DWD had for years is now being eliminated through an Iron/Manganese Removal System that was installed in 2014 and has been continuous operation since.

**How to become involved:** If you have any questions about this report or concerning your water, please contactour Office at 541-980-6514. You may also request contact from one of your elected DWD Board Members. We want our valued customers to be informed about their water. We encourage you to attend our regularly scheduled meetings. Our meetings are 6:30 p.m. the third Tuesday of every month at the Dallesport Community Center.

**Water Conservation**: We want to encourage our customers to water your yards and gardens before 9:00 a.m. or after 7:00 p.m. to reduce water loss from evaporation. We also encourage you to check your home for leaks. This can easily be done by turning off all water uses and observing your water meter. If the meter continues to turn you may have a leak. If you have a question as to whether or not you may have a leak, do not hesitate to call us to perform a free check for you. A leak that is dripping one drop of water per second will use 8.64 gallons per day and 3154 gallons per year. Repairing these leaks promptly can help conserve water. If you are looking for additional tips try this American Water Works Association website http://www.awwa.org/waterwiser/.

Please keep in mind that from May – Sept. DWD wishes to encourage its customers to voluntarily do odd-even watering days. This means that if your house ends in an odd number please do your outside watering on odd days or if it ends in an even number please do your outside watering on even days. This makes a tremendous difference in maintaining reservoir levels for fire protection and maximizing water flow through smaller watermains.

**Cross Connection:** Cross Connection Control seeks to eliminate hook ups that could create a backflow of contaminated or non-drinkable water into our water supply if system pressure is lost or reduced. Sprinkler systems, auxiliary wells, in home dialysis machines, and various devices that use water or water pressure all require a backflow prevention device to protect our drinking water. A permit is required prior to installing any sprinkler system or backflow device, failure to install proper backflow prevention may result in your water service being terminated.

**Water quality monitoring**: Dallesport Water Districtroutinely monitors your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1st to December 31st,2021**.** All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. Bottled drinking water is actually held to less rigid standards than tap water.

It's important to remember that the presence of any contaminants does not necessarily pose a health risk. Some people may be more vulnerable to contaminants in drinking water than the general population. Immune-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

*Non-Detects (ND)* - laboratory analysis indicates that the constituent is not present.

*Parts per million (ppm) or Milligrams per liter (mg/l)* - one part per million corresponds to one minute in two years or a single penny in $10,000. A working comparison would be one drop of chlorine in 1,000,000 drops of water.

*Parts per billion (ppb) or Micrograms per liter* - one part per billion corresponds to one minute in 2,000 years, or a single penny in $10,000,000.

*Action Level (AL)* - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

*Treatment Technique (TT)* – A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

*Maximum Contaminant Level* - The “Maximum Allowed” (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

*Maximum Contaminant Level Goal* - The “Goal” (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

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| **2021 TEST RESULTS** | | | | | | |
| **Contaminant** | **Violation**  **Y/N** | **Level**  **Detected** | **Unit**  **Measurement** | **MCLG** | **MCL** | **Likely Source of Contamination** |
| **Microbiological Contaminants** | | | | | | |
| Total Coliform Bacteria | **N** | ND |  | 0 |  | Naturally present in the environment |
| Fecal Coliform and *E.coli* | **N** | ND |  | 0 |  | Human and animal fecal waste |
| Nitrates | **N** | ND |  | N/A | 10. | Naturally present in the environment, sewage, fertilizers |

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| Dist |  | 8/30/2021 | LCR | IOC | 61001 | 218 | No |
| LEAD COPPER | INORGANIC CONTAMINANTS |
| Dist |  | 8/30/2021 | LCR | IOC | 61002 | 218 | No |
| LEAD COPPER | INORGANIC CONTAMINANTS |
| Dist |  | 8/30/2021 | LCR | IOC | 61003 | 218 | No |
| LEAD COPPER | INORGANIC CONTAMINANTS |
| Dist |  | 8/30/2021 | LCR | IOC | [61004](https://fortress.wa.gov/doh/eh/portal/odw/si/ViewSampleDetail.aspx?SamId=3321646&Src=Dist&TP=14) | 218 | No |
| LEAD COPPER | INORGANIC CONTAMINANTS |
| Dist |  | 8/30/2021 | LCR | IOC | 61005 | 218 | No |
| LEAD COPPER | INORGANIC CONTAMINANTS |
| Dist |  | 8/30/2021 | LCR | IOC | 61006 | 218 | No |
| LEAD COPPER | INORGANIC CONTAMINANTS |
| Dist |  | 8/30/2021 | LCR | IOC | 61007 | 218 | No |
| LEAD COPPER | INORGANIC CONTAMINANTS |
| Dist |  | 8/30/2021 | LCR | IOC | 61008 | 218 | No |
| LEAD COPPER | INORGANIC CONTAMINANTS |
| Dist |  | 8/30/2021 | LCR | IOC | 61009 | 218 | No |
| LEAD COPPER | INORGANIC CONTAMINANTS |
| Dist |  | 8/30/2021 | LCR | IOC | [61010](https://fortress.wa.gov/doh/eh/portal/odw/si/ViewSampleDetail.aspx?SamId=3321645&Src=Dist&TP=14) | 218 | No |
| LEAD COPPER | INORGANIC CONTAMINANTS |

**As you can see from the chart above, Dallesport Water District had NO Violations in Bacteriological Testing during 2021.** Elevated Lead and Copper are typical encountered on a house-by-house basis and due to interior plumbing with the residence. Per Federal Guidelines testing occurs only after water has set in your plumbing for a minimum 6 hours. Infants and young children are typically more vulnerable to lead in drinking water than the population. It is possible that lead levels at your house may be higher than at other homes in the community as a result of materials used in your home’s plumbing. This is especially true if the plumbing was done prior to 1983. If you are concerned about elevated lead levels in your home’s water, you may wish to have your water tested, we can help, feel free to contact us. Make it a practice to flush your tap 30 seconds or more before drinking your tap water. This flushes impurities from your fixtures and allows clean safe water to enter from Distribution.

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| Dist |  | 10/30/2021 | HAA5 | DBP | 03301 | 218 | No |
| HALO-ACETIC ACIDS | DISINFECTION BY PRODUCTS |
| Dist |  | 10/30/2021 | THM | IOC | 03301 | 218 | No |
| TOTAL TRIHALOMETHAN | INORGANIC CONTAMINANTS |
| In-Organic Chemicals | | |  | |  |  |  |
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| DW |  | 7/1/2019 | Manganese | IOC | 02801 | 218 | No |

(Changes in Chemical/Organic/Inorganic testing occurs on an annual basis as determined by WA Department of Health. Total testing parameters vary from year to year. If you have any questions on a parameter that may not have been tested for this last year, please call and we will get you the results.)

DWD News

**DWD:** In 2014 Dallesport Water District completed the construction of a New 218,000 gallon Water Reservoir, and a New Booster Pump Station and Treatment Facility. These major projects were funded by a 20-year loan from Washington State Public Works Trust Fund and a joint partnership with the Columbia Gorge Regional Airport, Klickitat County and the City of The Dalles. This however was not the extent of the Districts Water System Plan on file with the state. We will be moving forward with additional line upgrades as funding allows. The water main improvements along D street in 2016 is an example of these type of projects. All new water mains are enlarged for better fire flow with all new customer services.

**Fire Protection:** Our pump station can supply over 1500 Gallons Per Minute in fire flow. Pressures will drop during any fire situation as volume increases. It is important for our customers to understand the Fire Department needs the water flow during a fire. If your home is not in immediate danger **DO NOT turn on your sprinklers during a fire,** for this draws both flow and volume away from the firefighters when they need it. These individuals are putting their lives on the line for the protection of our Community and need our support, help and water in doing their job.

**Expansion:** DWD currently manages 3 other water systems on the peninsulaand has been awarded a grant to conduct Consolidation Planning for District expansion, which could include 5 other small system. While each isolated system is managed according to its own funds, consolidation adds additional customers to the existing system allowing for costs of operations and benefits to be spread over a greater number of customers.

**Growth:** There exist rumors that DWD does not have any water supply for growth on any subdivisions that may be proposed. That is false information. Under the current system we could actually supply for approx. 98 more homes. The District has been built with growth in mind. This does not mean that developers will not have to pay for their expansion. Developers pay for all costs arising and affecting the District in addition to normal SDC charges. Water main installations become property of the District upon completion at No Cost to its customer base. The District does not set growth direction for the community however improvements are in place to serve the growth when it happens.

As you can see from the Consumer Confidence Report, DWD has remained in compliance throughout 2021. It is our goal to improve your water quality, supply domestic and fireflow needs, and provide a level of service to you that assures our customers of our commitment to your needs. With your continued support we can do all of that and more. DWD is working to improve our water supply for our customers and control costs. The DWD Board meets the 3rd Tuesday of each month at the Dallesport Community Center at 6:30 PM.

DWD appreciates its Customer Support and Thank You for taking the time to read this report.

Please feel free to contact with any questions you may have.

District Manager 541-980-6756 District Clerk 541-980-6514

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